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F16.

#### FIG. I. (CONTINUED)

1260	1350	1440	1530	1620	1710	1800	1890	1980	2070	2160	2250	2320
CCTCCTGGAGCTCTCCCGTGTCTGGGGACCCTGCTGAAGGGGCACCTGGCGTCCTCGCAGATCATCGTGTTTGCGAGCTGGGGGGC	TGAGGAGTTTGGGCTCCACGGAATTCACAGAAGAGTTCTTCAACAAGCTGCAGGAGCGCACGGTGGCCTACATCAACGTGGA E E F G L I G S T E F T E E F F N K L Q E R T V A Y I N V D	CATCTCGGTGTTTGCCAACGCTACCTTAGGGTGCAGGGGACGCCCCTGTCCAGAGCGTCGTCTTCTTCTGCAACCAAGAGATCCGCTC	ACCAGGCCCTGGCGACCTGAGCATCTACGACTGGTACTTCAACGGCAGCAGCGGGTGTACGGCCTGGTCCCCAGCTTGGG  P G P G D L S I Y D N W I R Y F [N] R S S P V Y G L V P S L G	TYCTCTGGGTGCTGGCAGCGACTATGCACCCTTCGTTCACTTCCTGGGCATCTCCTCCATGGACATTGCCTATACCTATGACCGGAGCAA S L G A G S D Y A P F V H F L G I S S M D I A Y T Y D R S K	GACTTCAGCCAGGATCTACCCCACCTACACACCTTTGACTATGTGGACAAGTTTTTGGACCCGGGCTTCAGCAGCCA	TCAGGCTGTGGCCCGGACAGCGGAGTGTGATTCTCCGGCTCAGTGACAGCTTCTTCCTGCCCCTCAAAGTCAGTGACTACAGTGAGAC Q A V A R T A G S V I L R L S D S F F L P L K V S D Y S E T	ACTCCGCAGCTTCCTGCAGGCAGCAAGATCTTGGGGCCCTGCTGGAGCAGCACAGCATCAGCCTGGGGCCTCTGGTGACTGCAGT LRSFLQAAAQQDLGALLEQHSISLGPLGPLVTAV	GGAGAAGTITTGAGGCAGAAGCCTTGGGCCAACGCATATCAACACTGCAGAAGGGCAGCCCTGACCCCTGCAGGTCCGGATGCT E K F E A E A A L G Q R I S T L Q K G S P D P L Q V R M L	CAATGACCAGTTGATGCTCTTTGGAACGCTTCTGAACCCTAGAGGCATCCCAGAGGAACGCTACTACAGCCATGTGCTCTGGGCACCC N D Q L M L L E R T F L N P R A F P E E R Y Y S H V L W A P P	TTCGCACGGGCTCCGTAGTCACATTCCGAGTGCCTGCTCCAGGGCCAGGGACACAGCTTCTGGATCTGAAGCTTGGGCTGA	GGTCCAGAGACAGCTCAGCATTGTGGTGAACAGCCTGGGCAGCCTGAGGCCTGTGGCTGACCTCTGACCCCAGCCCTC  V Q R Q L S I V V T A L E G A A A T L R P V A D L •	THYCHICAGCCCTCCCTTTACTCCGGTGCTTTATATTTACAAAGTGCTTTTGTGTTTTTTAAAAAGTCTTTT



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85	175	: 265	355	445
90	180	: 270		450
nomtkvlglglgaaallglgiilghfaiprkanslapjolddeiilgtuftvhgoldahitenlrelsrephlassprdeblud - hhmakilgvgigaaallglgiilghfaippateplassvsdsjodldlaiidsvhgoldasrtrenlrelskephvatsardealvolllg	n Rukdpesglddaaxtyrevlolspesgeopnyydivgptrgiihschrteenvtgegggpdvvopyaayapsgtpoglivyanrgaeedfk : Rukdsasgldtaktyevtvoltuspesteopnsyevopngtyfhsfoppermittgegaepnvlopyaayappgtpkgpluvyanrgseddfk	Juctogikuegtialtryggygrgakavnaakhgyjgylvytdpädindgesspdetfpnswyuppsgyergsyyeyfgdpltpylpa <mark>v</mark> p Kleaeginukgtialtrygsygrgakainaarhgyvgylvytdp <mark>g</mark> dindgksupnetfpnswglppsgyergsyyeyfgdpltpylpa <sub>lt</sub> p	ssprvdlanvsgpppiptopigpodardlichingtlapatwogalgchyrigpgfrpdgdfpadsovnvsvynrielrnssnvlgiirg Vsprldphnisgpppiptopigpedakvilchingtsapdswogalgceykigpgfepngnfpagsevkvsvynrielrnssnvlgiigg	AVEPDRYVLYGNHRDSWYHGAVDPSSGTAVLLELSRVLGTLLKKGTWRPRRSIVFASWGAEEFGLIGSTEFTEEFFNKLQERTVAYTNVD AVEPDRYVIYGNHRDSWYHGAVDPSSGTAVLLEISRVLGTLLKKGTWRPRRSIIFASWGAEEFGLIGSTEFTEEFLSKLQERTV¶YINVD
human	human	human	human	human
rat	rat	rat	rat	rat

FIG. 2. (CONTINUED

YDRSK : 535	LVTAV : 625	EAVAE : 715	
YDRSK : 540	LVTAV : 630	EAVAE : 720	
ISVIANALLEVYGSVYFSATKEIRSPGPGDLSTYDMÜIRYFNRSSPVYGLVPSLGSLGAGSDYAPFUHFLGISSNDIAYTYDRSK	TSARIYPTYHTAFDTFDYV <mark>D</mark> KFLDPGFSSHQAVARTAGSVILRLSDSFFLPL <mark>W</mark> VSDYSETLRSFLQAAQQDLGALLECHSISLGPLVTAV	EKFENEAAALGCRISTLONGSPDPLOVRHUNDOLHLLEFTFLNPRAFPEERYYSHVLUAPSHGLRSHIPGLSNACSRARDTASGSEAUAE	VOROLSTVVTALEGAAATURPVADU : 740
ISVISMATLRAGGTPPVQSVIFSATKEISAPGSSGLSTYDMÜIRYTNRSSPVYGLVPSNGTLGAGSDYASFIHFLGITSNDLAYTYDRSK	TSARIYPTYHTAFDTFDYVBKFLDPGFSSHQAVARTAGSVLLRLSDSLFLPLNVSDYSETLQSFLQAAQENLGALLESHNISLGPLVTAV	EKFRAAAAALNCHILTLONSSPDPLOVRHVNDOLHLLEPAFLNPRAFPEERYYSHVLUAPNTASVATFPGLANAYARAQEINSGAEAUAE	VEROLSTAVHADEGAAATURPVADU : 745
numan	human	human	human
rat	rat	rat	

F16. 3.

90 MQWTKVLGLGLGAAALLGLGIILGHFAIPKKANSLAPQDLDLEILETVMGQLDAHRIRENLRELSREPHLASSPRDEDLVQLLLQRWKDP

180 ESGLDSA EA XTYEVLLSFPSQEQPNVVDI VGPTGGI I HSCHRTEENVTGEQGGPDVVQPYAA YA PSGTPQ GLLVXANRGA EEDPKELQTQ

deletion 1 (bp 497-619)

**GIKLEGTIALTRYGGVGRGAK**AVNAAKHGVAGVLVYTDPADINDGLSSPDETFPNSWYLPPSGVERGSYYEYFGDPLTPYLPAVPSSFRV

getetggatgeegetgteeteateeageeetgeeettgeeaceaeeeageeeee gtgagcgtctacaaccgcctggagctgaggaactcttccaacgtcctgggcatcatccg tggggctgtggagcctggtgagccctcttgctgcctgcacccaggcccctgctct cctgcccacctctccctctcggttctctgccccttttcctctggccag insertion at bp 1094 deletion 2 (bp 903-1007)

DLANVSGFPPIPTQPIGFQDARDLL*CNLNGTLAPATWQGALGCHYRLGPGFRPDGDFPA*DSQVNVSVYNRLELRNSSNVLGIIRGAVEP-

359

399 ----DRYVLYGNHRDSWVHGAVDPSSGTAVLLELSRVLGTLLKK epssccihprplicsgcrcphpalpipppspappahisissgsiplfiwp 489 GTWRPRRSIVFASWGAEEFGLIGSTEFTEEFFNKLQERTVAYINVDISVFANATLRVQGTPPVQSVVFSATKEIRSPGPGDLSIYDNWIR

FIG. 3. (CONTINUED)

deletion 3 (bp 1525-1615); deletion 4 (bp 1525-1615)

gtgaggaggagacaaggggcatcctgagaccaggaccaggacaggagaggctgaagactgaagcctggccttgtcaccttgccgcag

579 YFNRSSPVYGLVPSLGSLGAGSDYAPFVHFLGISSMDIAYTYDRSKTSARIYPTYHTAFDTFDYVDKFLDPGFSSHQAVARTAGSVILRL

insertion at bp 1697

EEGDKGHPETRTGEAED\*

RLQQPSGCGPDSGECDSPAQ\* RARLQPGS PPTTQPLTPLTMWTSFWTRASAAIRLWPGQRGV\* gtatgcacagcctgacctgaggtatggggagcctgcaccccatgactgagccactgcttgttcctcacag

Insertion at bp 18/0

699 SDSFFLPLKVSDYSETLRSFLQAAQQDLGALLEQHSISLGPLVTAVEKFEAEAAALGQRISTLQKGSPDPLQVRMLNDQLMLLERTFLNP

GMHSPDPEVWGALHPHD\*

RAFPEERYYSHVLWAPSHGLRSHIPGLSNACSRARDTASGSEAWAEVQRQLSIVVTALEGAAATLRPVADL\* 740

CTCAAGAAGCCATGGCGGAATCCAGGGGCCGTCTGTACCTTTGGATGTGCTTGGCTGCTGCGCTGGCATCTTTCCTGATGGGATTTATGG ပ Σ × ے K 4 æ ے U Σ 3 u > \_ œ, O æ S u Σ

360 1170 180 270 450 1080 540 630 720 810 900 990 90 TGGGCTGGTTTATTAAGCCTCTCAAAGAAACAACCACTTCTGTGCGCTATCATCAAAGTATACGGTGGAAACTGGTATCCGAAATGAAAG atatatcgatigtggatgaacatgaaactgagattttcaaaacatcataccttgaaccaccaccagatgctatgagaatgttacaaata TIGTGCCACCATATAATGCTTICTCAGCCCAAGGCATGCCAGAGGGAGATCTTGTATGTGAACTATGCTCGCACTGAAGACTTTTTCA V P P Y N A F S A Q G M P E G D L V Y V N Y A R T E D F F K aactagaaaagagaagaatcaactgtactgggaagattgttattgcaagatatggaaaaatagaagaaataaaagttaaaaatg Lerremgi**e**ngieng ctgkivkna CCATGTTAGCAGGAGCCATAGGAATCATCTTGTACTCAGATCCAGCTGACTACTTTGCTCCTGAGGTACAGCCATATCCCAAAGGATGGA atcttcctggaactgcagcccagag<mark>aaaatgtgttaaatttgaatggtgctg</mark>gtgacccactcactccaggctatccaggcaaaagaat acactttcagacttgatgttgaagaaggagtgggaatcccccgaatacctgtacatcccattggatataatgatgcagaaatattattac GCTACTTGGGAGGAATTGCTCCACCAGATAAGAGTTGGAAGGGAGCCCTTAATGTGAGTTATAGTATCGGACCTGGCTTTACAGGGAGTG ATTCTTTCAGGAAGGTTAGAATGCATGTTTATAACATAAAATTACAAGGATTTACAATGTAGTTGGAACTATCAGAGGATCTGTGG S F R K V R M H V Y N I N K I T R I Y N V V G T I R G S V E AACCTGACAGGTATGTTATTCTGGGAGTCACCGGGACTCCTGGGTATTTGGAGCTATTGACCCAACCAGTGGGGTTGCTGTTTTGCAAG Z. 3 ш J Σ × 4 ပ G ¥ z > × K Z S 4 ۲ ۵, م ы \_ ω ω >-K G נ ي. > ۵, O Ω ¥ م Į., ပ o Д Z ပ 3 z >-Ω > ۲ > H œ O S یم \_ ш Ö S ш ב Δ, а Δ, >-S ... ۲ ۵, 4 Ω Д တ O > ပ ធ Ŀ ပ × > I ۵ K ے >-K Z >-> ., >-Ω Ö \_ ۵ œ X × S K 4 z Н > م > ۲ ۵, J α; ပ S J J ¥ Ω z م × H × × ĹŁ, J 3 S H H ۲ K H > > ပ S H Ĺ, S ш .. z > × ш S Ω ₽ н G G Ω × α. \_ ш æ H w ۵ ٦. ပ X Ö O ш Δ, (14 Ŀ, ш K > æ × S × Ω K K ۵ × × > Ę ပ J ပ 3 4 Ö ပ o S J Ö F  $\vdash$ Σ

# FIG.4. (CONTINUED 1)

2250	AAGTAAAGAAACATATTTCTATTGCAGCTTTTACAATTCAAGCAGCAGCAGGAACTCTGAAAGAAGTATTATAGAAGGTCTCAAGTGGCT
2160	ACAACAAATATGCTGGAGAATCTTGGAATCTATGATGCTATCTTTGATATTGAAAATAAAGCCAACTCTCGTTTGGCCTGGAAAG N K Y A G E S F P G I Y D A I F D I E N K A N S R L A W K E
2010	AACTGATGCTCCTGGAAAGAGCATTCATCGATCTCTTGGTTTACCAGGAAAGCTGTTCTATAGGCACATCATATTTGCTCCAAGTAGCC
1980	aaaacttctcagaggctgcttcagattttcataaacgacttatacaagttgatcttaacaatcccattgcagtgagaatgatgaatga
1890	ATGCAGCAAGTATCTATAATCTATCTAAGAAACATGATCAATTAACAGACCATGGAGTATCATTTGACTCCTTATTTTCTGCTGTGA A A S I Y [M] L S K K H D Q Q L T D H G V S F D S L F S A V K
1800	CTCAATTACGAGGAGCACTGGTATATGAGCTTGTGGATTCTAAAATCATTCCTTTTAATATTCAAGACTATGCAGAAGCTTTGAAAAACT Q L R G A L V Y E L V D S K I I P F N I Q D Y A E A L K N Y
1710	GCAGCTACCCAGTGTACCACAATTTATGAGACATTTGAAGTAGAAATTTTTATGACCCCACATTTAAAAAACAACTTTCTGTGG S Y P V Y H T I Y E T F E L V E K F Y D P T F K K Q L S V A
1620	CTGGAAGTGACTTTGAAGCTTATTTTCAGAGACTTGGAATTGCTTCAGGCAGAGCCCGTTACACTAAGAATAAGAAAACAGATAAGTACA G S D F E A Y F Q R L G I A S G R A R Y T K N K K T D K Y S
1530	GGTTTGAGAGTAAATCACTGTAGAAAAGGTTGGAAAAAGACCCTTCACCTGAAAATAAAAATTTGCCTAGAATCAATAAGCTGGAT F E S K S L Y E S W L E K D P S P E N K N L P R I N K L G S
1440	AAGGCAATTATACTCTCAGAGTTGACTGCTACTTCTTTACCAATTAGTGTATAAACTGACAAAAGAGATCCCCAGCCCTGATGATG  G 🕅 Y T L R V D C T P L L Y Q L V Y K L T K E I P S P D D G
1350	GACTICTGGGTTCCACAGAATGGGAGAATGTCAAAATACTCCAGGAGAAGCATTGCTTATATCAACTCGGATTCATCTATAG L L G S T E W A E E N V K I L Q E R S I A Y I N S D S S I E
1260	I A R S F G K L M S K G W R P R T I I F A S W D A E E F G

# FIG 4 (CONTINUED 2)

AGCCATTAAAGGTGTTGCTAAAAGTCTGAGGATAAAATTCACCTTTCTGATAACTTATGAAGCCAGGGTGTTCTAAACTCTTTTCATGTC	2340
ATGTTTTGATTATAGGCTTTGGTCTTTTCATCTGCAAAGCCTTTTTTTT	2430
AATCTAATGAAGTAAAAAACTCCTGTGGGCAGAAAGTAAAAGAAAATTCCCTAAATTATAGCAAGGAACATGAATTCTCAGACATTGTG	2520
AGTGTGGGAATGTAAAATGGTAAAATCACTTTTGAAAACAGTTTGGCAGTTTCCTATAAAGTTAAACATACACTTTTACTTTTAGGACTCC	2610
AGAATTCCACTTCTAGTTATTTATTCAAGAAGGAAAAAAATGATCACAGCAATACTTGTATGCATGTTCATTGCAACTTAAAAAGCGT	2700
aaaaaccccaaatgtccatccacagacgaatgtataaactgtatccattacacaatagactacttact	2790
GTAACTTTCAATAAATGCAATATTATTGGCAGACATTGTTGAAGGAAAAAAGCCAGACAAACAA	2880
TGAAGTGGCAAACTAATCTGTAGTGTTAAAAATTAGATTAGTGATTGCCTGGGCCAAGTGGCAGGTTGGGGAGGATGGCTGCAAAGAAGT	2970
atgaggaaactttaaaatatataagaatttteegtatettgatetgagtggcaaattgtaaaettaaaatattataaaattttaaa	3060
aagaaaattaagcctcaataaacgtgattataaaaaaaaa	3110

06 5:	G 180	T 360	A 450	C 540	3 630	2 720	ه 810	۰ 600	066	1080	
CGGCGCGGAGGGCCCCAGTCAGGGGTGTGGCCGCCGCCACCGTAAGGCTAGGCCGCGAGCTTAGTCCTGGGAGCCGCCTCCGTCG	CCGCCGTCAGAGCCGCCCTATCAGATTATCTTAACAAGAAAACCAACTGGAAAAAAAA	CAGCTGTGGAGATGTTGCTAAAGCAATCATCAACCTAGCTGTTTATGGTAAAGCCCAGAACAGATCCTATGAGGGATTGGCACTTCTGGT S C G D V A K A I I N L A V Y G K A Q 🕅 R S Y E R L A L L V	TGATACTGTTGGACCCAGACTGAGAGGCTCCAAGAACCTAGAAAAGCCATCCAAATTATGTACCAAAAACCTGCAGCAAGATGGCTTGA D T V G P R L S G S K N L E K A I Q I M Y Q N L Q Q D G L E	GAAAGTTCACCTGGAGCCAGTGAAATACCCCACTGGAGAGGAGAAAAATCAGCTGTGATGCTGGAGCCAAGAATTCATAAGATAGC KVHLEPPKIHKIA	CATCCTGGGTCTTGGCAGCATTGGGACTCCTCCAGAAGGTTTACAGCAGAAGTTCTGGTGGTGACTCTTTCGATGAACTGCAGAG I L G L G S S I G T P P E G I T A E V L V V T S F D E L Q R	aagggcctcagaagcaagagggaagattgtttataaccaacc	GGTGGAAGCTGCCAAGGTTGGGGCTTTGGATCTTCGATCCGTGGCCTCCTTCTCCATCTACAGTCCTCACACAGGTATTCAGGA V E A A K V G A L A S L I R S V A S F S I Y S P H T G I Q E	ATACCAGGATGGCGTGCCCAAGATTCCAACAGCCTGTATTACGGTGGAAGATGCAGAAATGATGTCTAAGAATGGCTTCTCATGGGATCAA Y Q D G V P K I P T A C I T V E D A E M M S R M A S H G I K	AATTGTCATTCAGCTAAAGATGGGGGAAAGACCTACCCAGATACTGATTCCTTCAACACTGTAGCAGAGATCACTGGGAGCAAATATCC IVIQLKMGAKTYP	AGAACAGGTTGTACTGGTCAGTGTTGGACAGCTGGGATGTTGGGGGGGG	GG B B GC B CHICKE THE B

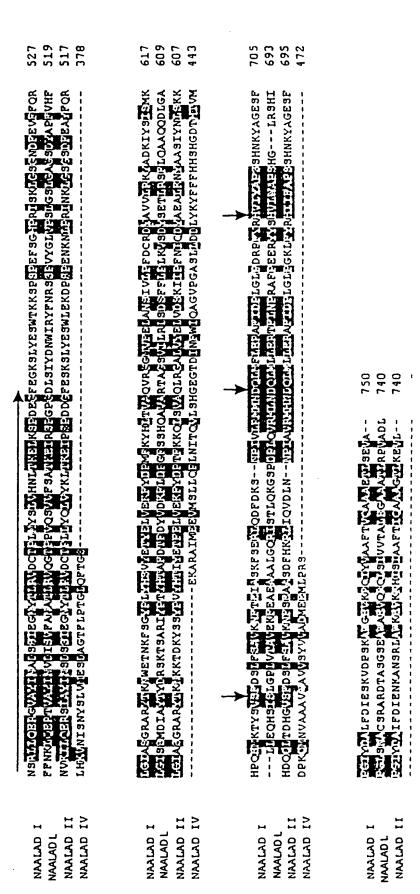
### F/G. S. (CONTINUED

TGGTGCCTTCCAGTATTATCAGTTACACAAGGTAAATATTTCCAACTACAGTCTGGTGATGGAGTCTGACGCAGGAACCTTCTTACCCAC	1260
Y Y Q L H K V MI S MY S L V M E S D A G T F L P T	
TGGGCTGCAATTCACTGGCAGTGAAAAGGCCAGGGCATCATGAGGTTATGAGCCTGCTGCAGCCCCTCAATATCACTCAGGTCCT	1350
GAGCCATGGAGAGGGACAGCATCAACTTTTGGATCCAAGCTGGAGTGCCAGTCTACTTGATGACTTATACAAGTATTTCTT S H G E G T D I N F W I Q A G V P G A S L L D D L Y K Y F F	1440
CTTCCATCACTCCCACGGAGACACCATGACTGTCATGGATCCAAAGCAGATGAATGTTGCTGCTGCTGTTTGGGCTGTTGTTTCTTATGT F H H S H G D T M T V M D P K Q M N V A A A V W A V V S Y V	1530
TGTTGCAGACATGGAAGAAATGCTGCCTAGGTCCTAGAAACAGTAAGAAAGA	1620
AACTITIGGAAAACTCCTCCTCCACATAACAATTTCATCCTTCAAAGCACAACTCTAITTTCAIGCTTTCTGTTAITATCTTTTCT	1710
TGATACTTTCCAAATTCTCTGATTCTAGAAAAAGGAATCATTCTCCCTCC	1800
TGGGGGCATTTCTTTATATCACCTCTTAAAAAACATTGTTTCCACTTTAAAAAAGTAAACTATAAAAGTAAAAAAAA	

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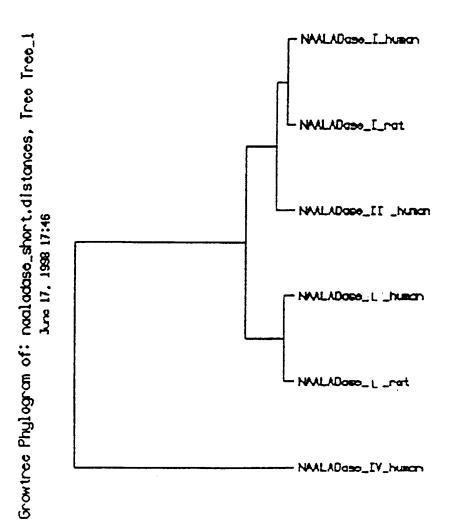
88 75 78 83	176 165 166 145	263 252 253 208	350 341 340 268	43.7 42.9 34.0 34.0
mwnlhetdsavatarrphwycagauvlą-ggffiglgflfgwfikssneatnytpkhnyk-afyddiykyennykfdynfydienhagted mowtkvlglgygaaahlglgiilghpaipkkanslapOdldlenletvygydahnfyengrelgrenhaspr 	mpojakojospi – izpija vejahad <mark>wajsve</mark> nkthematistinedgnejpntelpeppeppevanvejspianspojake Dedijaglilorukdpessejjsaeakttaevajspesteoppavojakojakeptejthischtelentelpojakesteopaakaassispieslava Neluakkijotoja – kpijosakijahadamentanantistisiadehetetprespresteppeppessentippesnatesacemiespians Lekaiojayonlo – <b>Zobi</b> ekvhiepvriphessesavajeprihkiaiigissistese –	unyartedfetterdekincegeriviapyerkrenetavrracheakkutarakenetardinderspoertksYpdenmeggggvprenturg ahrg-apedprelotogsklestialtrachergegergaranthakkevasviavyndertindglsspoetepnskyngpssysy vnyartedfetteregginchektyjapyekrergemynkaletsteliavysnestyngapeugopNekennisgtaadrenyning tetaevinvyspoetorbase-argkitvvanoeytniasriyoyrtogaveakvgalasidirsva	AGNDINFGYPANGAARRGIAEAVSIPSITEVHJIGYYDAKKIJEKYGEBAPEDSGERGSPRVPYNWGESFIGNFSTOKYKYHUHSIN FGIDINFYLDAVPSSRVDIANVSEPEPIETOPIGRODARDIBCHINGTLAF-AMGOZALGCHYRLGBGRRPGOFPADSOKNNSKYNRL ABDINFRGYDAKEYNDRLDYBEGVEJPRIEVHEIGYNDATIBLARYLGGIAPEDKSKRAAINVSYSIGEGGTGSDSFRKURZHUVNN SFSIYSPHIGIOZAOPSUPKIPTACITVEDADAPASRMASHGIKIVIQUËNGAKTYPDIDS	Similar to bacterial 2n² dependent peptidase  EVTRIKHTITTEREAVEDRYVILGEHNOSM-VF-SGIDEQSSANGHENVESFEREKKEF-NRERRVILGENSEDRAGEE  EIRNSSHÄLETIREAVEDRYVILGEHNOSM-VH-SAVODSSGFANULDENSRVLGTLIKKEFNNRRKSIVPAGMGABERSLIGSNEFTEE  KITRIKHVGTIRESVERDRYVILGSHENOSM-VF-SAIDETSEVÄVLOEIARSFEKNYSKE-NRPRRVIHTEASMOABERSIIGSNEFASE ENTVARITARENTERSSVEROVVINSGHENOSM-VF-SAIDETSEVÄVLOEIARSFEKNYSKE-SRPRRVIHTEASMOABERSIIGSREFASEENTVARITARENTERSSVEROVVINSGHENOSMOVGGEARISWEALSLIKOLE-LRPRRVVIRLVATABEGEGVEARDYY-K
NAALAD I NAALADL NAALAD II	NAALAD I NAALAD L NAALAD II NAALAD II	NAALAD I NAALADL NAALAD II NAALAD IV	NAALAD I NAALAD L NAALAD II NAALAD IV	NAALAD I NAALAD L NAALAD II

F1G. G. (CONTINUED)



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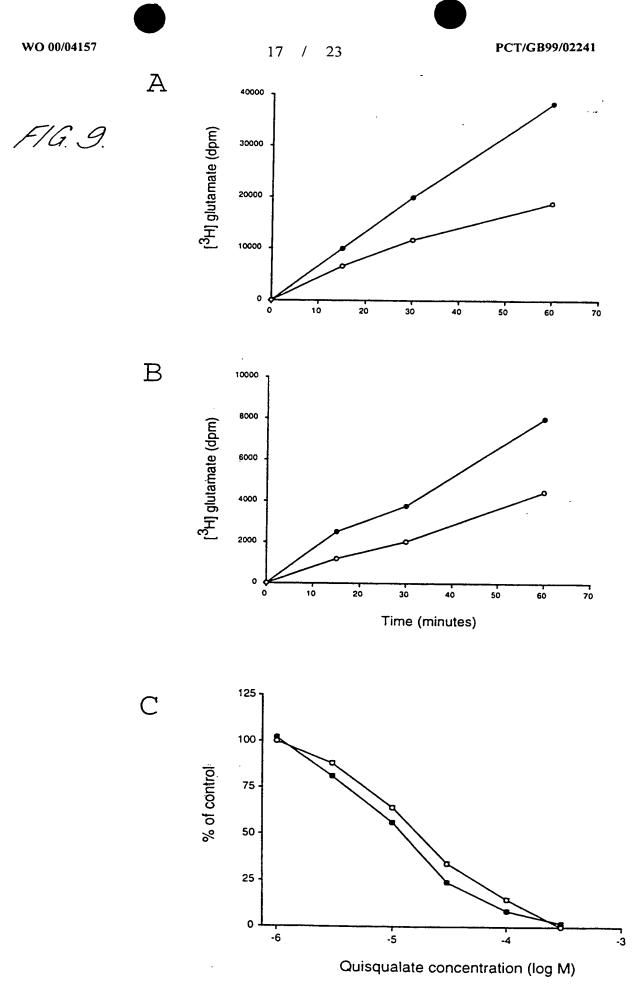
FIG. T.



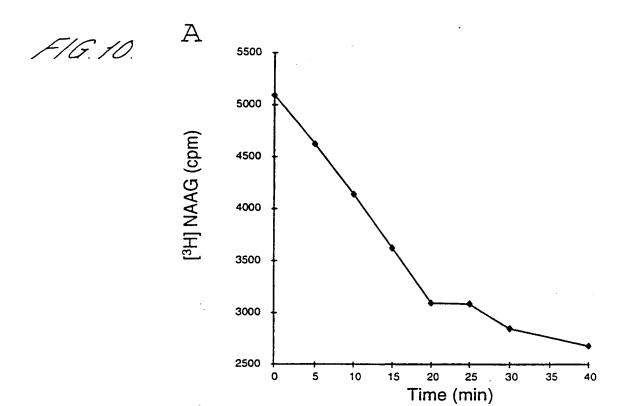
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NAALAD I NAALAD II NAALAD II NAALAD IV APE 3 yeast P96152 AMPX vibpr	NAALAD I NAALAD I NAALAD II NAALAD II NAALAD IV P96152 AMPX vibpr APX Strgr	NAALAD I NAALAD I NAALAD II NAALAD IV APE 3 yeast P96152 AMPX vibpr
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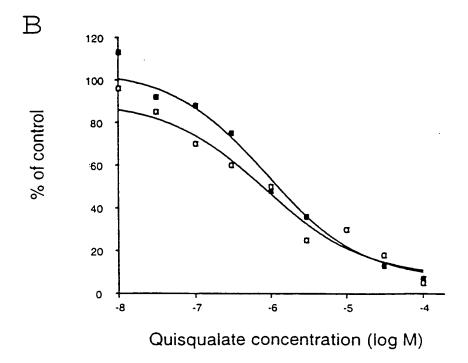
FIG. B. (CONTINUED)

582 572 574 472 515 391 394 SWDAFITNTKLIAHSVATY<mark>N</mark>DSFEGFPKRETQKH LSN<mark>i</mark>ndtaldrnsdaaahatutessgtgeppt-----DPKOMNVAAAVEAVVSYVVEOHEEHLPRS----LANSDPT--GSHAKKATOLGLAYAIENGS----SGNDFEVF**G**ORLEIASGRARYT<u>E</u>NWETNKFSGYPLY RSD YVGF INNGIPAGGIATGAEMNINNNGKVLDRCY YACSDHASMHKASFSAAHPFESMFKDYN----PKI vgvpvggl<mark>i</mark>tga<u>e</u>ytksaaqaq<mark>w</mark>ggtagqafdrcy agsdyapfuhfl<u>e</u>issmdiaytydrsktsariypty EGTDIN-FILIQA EVPGASLLDDLYKYFF-----F SGSDFEAY<mark>I</mark>QRL<mark>E</mark>IASGRARYTI<mark>I</mark>NKKTDKYSSYPV APE 3 yeast AMPX vibpr NAALAD II NAALAD IV APX Strgr NAALAD I MANADL

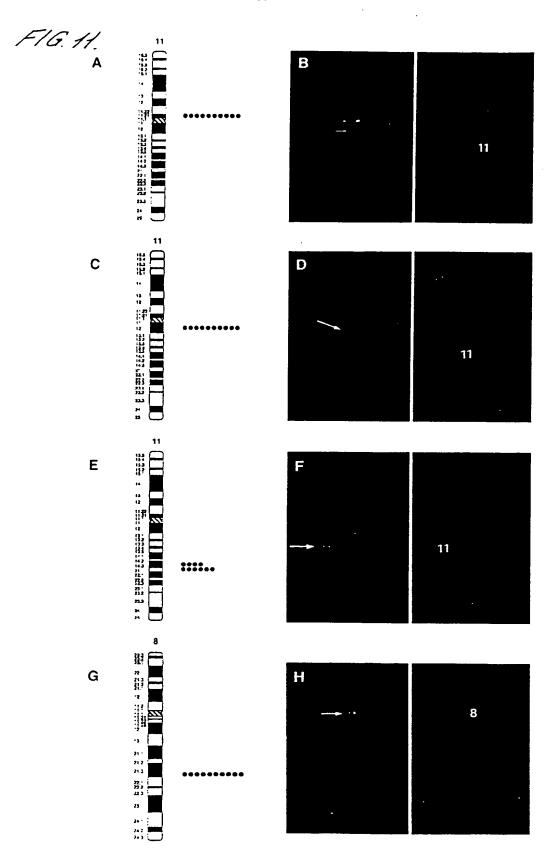


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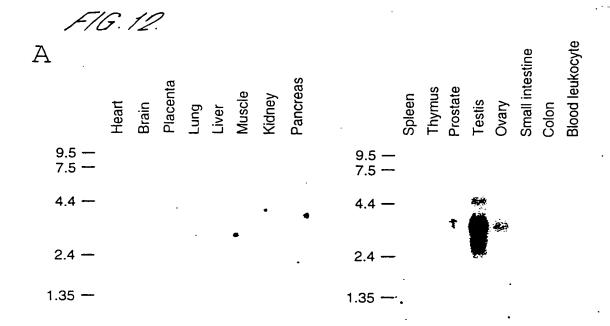
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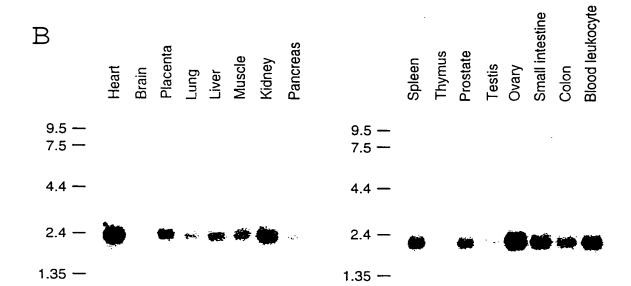


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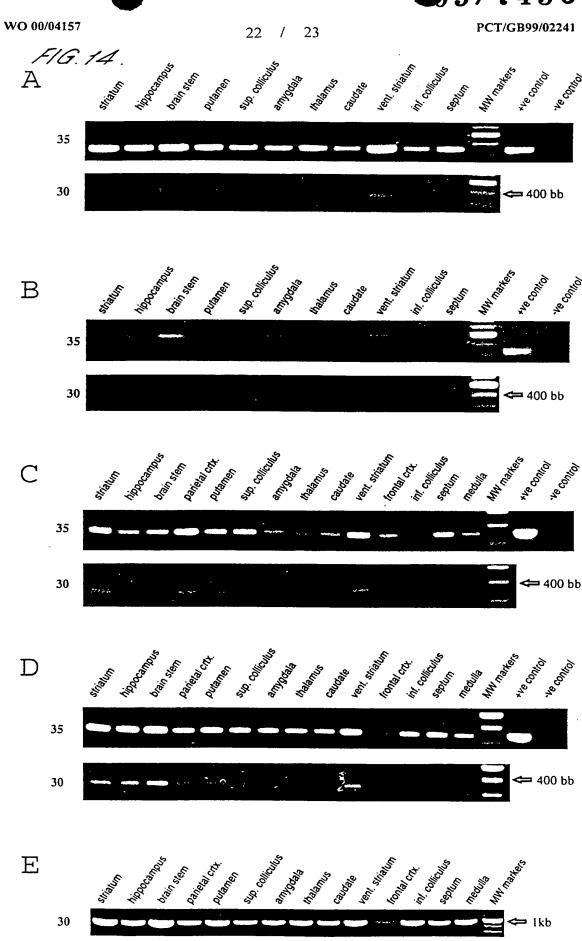
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FIG. 15.

